

Agency: Commerce, Community and Economic Development**Grants to Municipalities (AS 37.05.315)****Grant Recipient: Angoon****Project Title:****Project Type:** Planning and Research

Angoon - Engineering Design and Renovation for Front Road

State Funding Requested: \$500,000**House District: 5 / C**

One-Time Need

Brief Project Description:

Have an engineering design completed to install a retaining wall and walkway along the front of town. Any left over funds will be used towards starting the project.

Funding Plan:**Total Cost of Project: \$500,000***There is no other funding needed***Detailed Project Description and Justification:**

Need an engineering design completed to build a retaining wall that doubles as a community walk way along the beach at the front of the Community of Angoon. The road is beginning to show signs of wear and tear and erosion of this roadway may become a problem in the future. This project would have 3/4 of a mile of steel cement face wall along the road with a walk way for pedestrians and would also have two pull-outs for pedestrian viewing. There would be approximately 100 girders, reinforced with and filled with cement. If nothing is done to reinforce this road eventually the main road in the front of town may erode to the point where homes would be at risk. This roadway was put in place 27 years ago and under the road runs sewer, water and a Tlingit & Haida Electrical fuel line for transfer of fuel. If this road were to collapse there would be major fuel and sewer spills causing disruption of traffic and possible loss of fresh water supply. IPEC (formerly Tlingit & Haida Electrical Authority) has stated that electrical lines could be put under ground along with the other lines running underground. We would also need to purchase land from one homeowner with a home currently on the side where this reinforced wall would be built.

Project Timeline:

SFY 11 - Design and Planning phase.

SFY 12 Request Funds to complete project.

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

City of Angoon

Grant Recipient Contact Information:

Name:	Elaine Kookesh
Address:	700 Aan Deina Aat Street Angoon, AK 99820
Phone Number:	(907)788-3653
Email:	elaineckjack@hotmail.com

Has this project been through a public review process at the local level and is it a community priority? ☒ Yes ☐ No

CITY OF ANGOON

PO. BOX 189 • ANGOON, ALASKA 99820 • (907) 788-3663 • FAX (907) 788-3821

February 25, 2009

Senator Albert M. Kookesh
State Capital Building Room 11
Juneau Alaska 99801

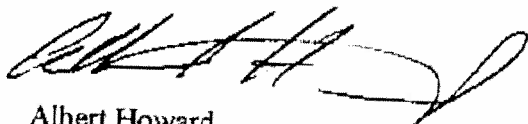
Dear Senator Kookesh,

I am writing to confirm that the list submitted to the State Legislature is an accurate listing of items approved by the City of Angoon to be on our Capital Improvement Project's list. The following items were listed:

- Front Road Renovation Project
- Boat Pull Out Ramp
- Renovation and Equipment Purchase – Boys & Girls' Club
- Angoon Fire Dept. Siren for Village Notification Purposes
- Commercial Ice Maker for Commercial Fishing Enterprise
- Asphalt Road Repair Equipment & Supplies
- Equipment Hanger / Warehouse for City Machines
- Public Safety Building Renovation

Should you have additional information or questions on this list please feel free to contact me at the number above. Thank you for your time and effort!

Sincerely,



Albert Howard
Mayor

CITY OF ANGOON

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February 12, 2010

Senator Albert Kookesh
State Capital Building Room 11
Juneau, Alaska 99801

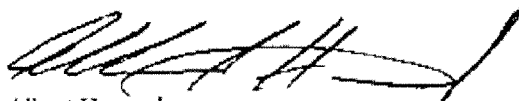
Dear Senator Kookesh,

The following are a list of the projects approved and requested to be on the State CIP list for the City of Angoon:

1. Front Road Renovation \$1.1 million
2. Angoon Barge Landing \$300,000
3. Fire Truck \$200,000
4. Heavy Equipment Hangar \$40,000
5. Fire Department/Search & Rescue Siren \$5,000

These items have been added to the CAPSIS database in order of priority. If you have any questions please feel free to contact Elaine Kookesh, Grants Coordinator for assistance. Thank you for your time and effort as well as the time and efforts of your staff in helping the community of Angoon.

Sincerely,



Albert Howard
Mayor

FRONT STREET REPAIRS

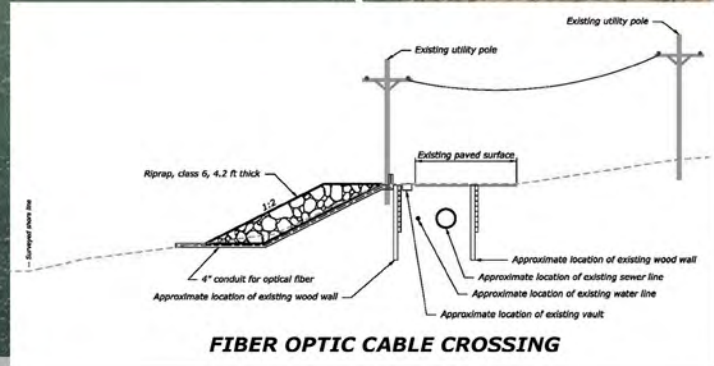
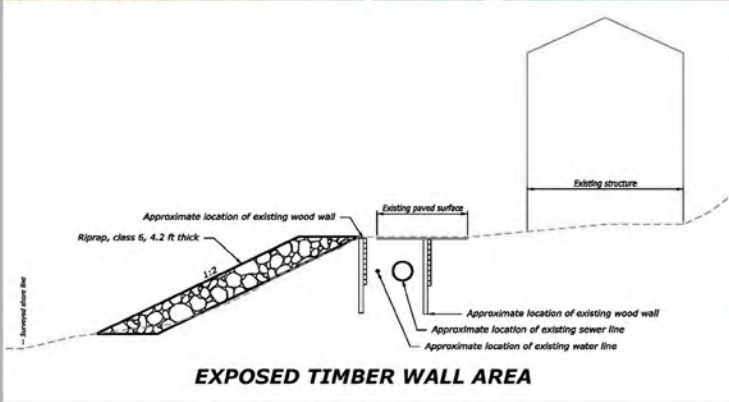
ANGOON, ALASKA



- ***CURRENT SITUATION***
- ***OPTION 1: RIPRAP ARMORING OF EXISTING ROAD***
- ***OPTION 2: ROAD RECONSTRUCTION & RIPRAP ARMORING***

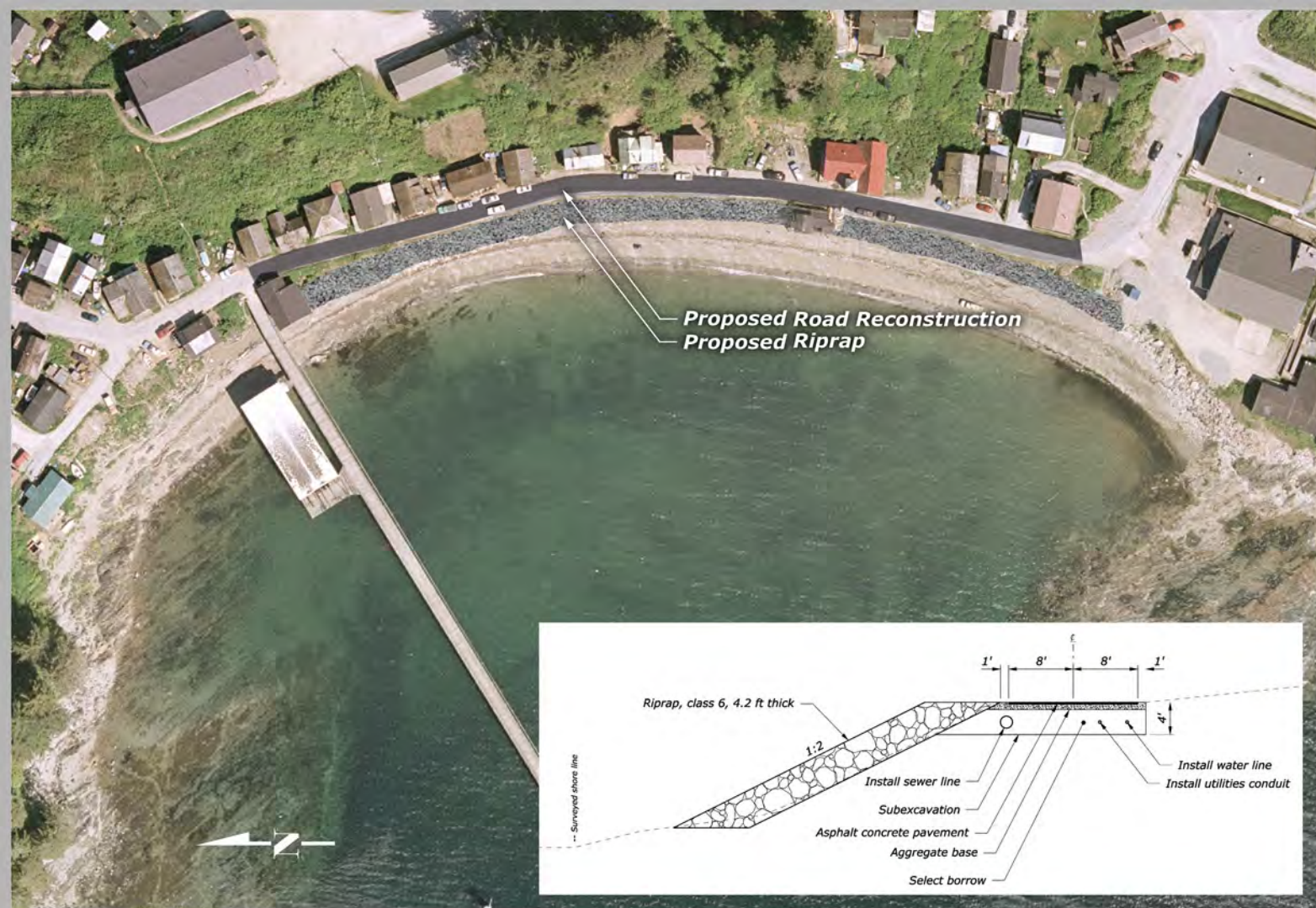


CURRENT SITUATION



OPTION 1: RIPRAP ARMORING OF EXISTING ROAD

Mobilization (15%).....	\$109,440.00
Riprap, class 6.....4,500 cuyd @ \$160.00/cuyd.....	\$720,000.00
Geotextile.....3,200 sqyd @ \$3.00/sqyd.....	\$9,600.00
Subtotal (including Mobilization).....	\$839,040.00
Fiber optics down time (assumed)...1 hour @ \$20,000.00/hr.....	\$20,000.00
Subtotal.....	\$859,040.00
PE Costs (15%).....	\$128,856.00
CE Costs (5%).....	\$42,952.00
30% contingency.....	\$257,712.00
Total.....	\$1,288,560.00



OPTION 2: ROAD RECONSTRUCTION & RIPRAP ARMORING

Mobilization (15%).....	\$167,921.00
Removal of structures & obstructions (existing crib walls).....	LUMP SUM.....\$10,000.00
Removal of vault.....	LUMP SUM.....\$500.00
Removal of sewerline.....	750 lnft @ \$110.00/lnft.....\$82,500.00
Removal of water main.....	750 lnft @ \$50.00/lnft.....\$37,500.00
Riprap, class 6.....	4,500 cuyd @ \$160.00/cuyd.....\$720,000.00
Geotextile.....	3,200 sqyd @ \$3.00/sqyd.....\$9,600.00
Subexcavation.....	1,965 cuyd @ \$13.00/cuyd.....\$25,545.00
Select borrow.....	1,965 cuyd @ \$42.00/cuyd.....\$82,530.00
Aggregate base.....	375 cuyd @ \$50.00/cuyd.....\$18,750.00
Shoring and bracing.....	3,000 sqft @ \$15.00/sqft.....\$45,000.00
Asphalt concrete pavement.....	120 ton @ \$190.00/ton.....\$22,800.00
Utilities relocation.....	LUMP SUM.....\$60,000.00
Temporary water system.....	LUMP SUM.....\$38,500.00
Install sewer line.....	750 lnft @ \$250.00/lnft.....\$187,500.00
Install water main.....	750 lnft @ \$125.00/lnft.....\$93,750.00
Subtotal (including Mobilization).....	\$1,287,396.00
Public access impacts.....	14 units @ \$20,000.00/unit.....\$280,000.00
Fiber optics down time (assumed).....	2 hours @ \$20,000.00/hr.....\$40,000.00
Subtotal.....	\$1,607,396.00
PE Costs (15%).....	\$241,109.00
CE Costs (10%).....	\$160,740.00
30% contingency.....	\$482,219.00
Total.....	\$3,052,952.00

ANGOON

Item	Quantity	Unit	Price/unit	Total
OPTION 1: RIPRAP ARMORING OF EXISTING ROAD				
Mobilization (15%)				\$109,440.00
Riprap, class 6	4500	cuyd	\$160.00	\$720,000.00
Geotextile	3200	sqyd	\$3.00	\$9,600.00
Subtotal (including Mobilization)				\$839,040.00
Fiber optics down time (assumed)	1	hour	\$20,000.00	\$20,000.00
Subtotal				\$859,040.00
PE Costs (15%)				\$128,856.00
CE Costs (5%)				\$42,952.00
30% contingency				\$257,712.00
Total				\$1,288,560.00

OPTION 2: ROAD RECONSTRUCTION & RIPRAP ARMORING

Mobilization (15%)				\$215,171.00
Removal of structures & obstructions (existing crib walls)	1	LS	\$10,000.00	\$10,000.00
Removal of vault	1	LS	\$500.00	\$500.00
Removal of sewerline	750	Inft	\$110.00	\$82,500.00
Removal of water main	750	Inft	\$50.00	\$37,500.00
Riprap, class 6	4500	cuyd	\$160.00	\$720,000.00
Geotextile	3200	sqyd	\$3.00	\$9,600.00
Subexcavation	1965	cuyd	\$13.00	\$25,545.00
Select borrow	1965	cuyd	\$42.00	\$82,530.00
Aggregate base	375	cuyd	\$50.00	\$18,750.00
Shoring and bracing	3000	sqft	\$15.00	\$45,000.00
Asphalt concrete pavement	120	ton	\$190.00	\$22,800.00
Utilities relocation	1	LS	\$60,000.00	\$60,000.00
Temporary water system	1	LS	\$38,500.00	\$38,500.00
Install sewer line	750	Inft	\$250.00	\$187,500.00
Install water main	750	Inft	\$125.00	\$93,750.00
Subtotal (including Mobilization)				\$1,649,646.00
Public access impacts	14	units	\$20,000.00	\$280,000.00
Fiber optics down time (assumed)	2	hour	\$20,000.00	\$40,000.00
Subtotal				\$1,969,646.00
PE Costs (15%)				\$295,447.00
CE Costs (10%)				\$196,965.00
30% contingency				\$590,894.00
Total				\$3,052,952.00